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AMENDMENTS TO THE CLAIMS

This listing of claims replaces all prior versions, and listings, of claims in the application.

Listing of Claims

1. (Currently Amended) A dyeable flame resistant fabric, comprising:
inherently flame resistant fibers ~~capable of crystallization~~ that are dyeable
when the fibers are uncrosslinked; and
cellulosic fibers that are dyeable and containing a flame retardant compound;
wherein the inherently flame resistant fibers comprise a material selected from
the group consisting of aromatic polyamide, polyamide imide, polyimide, and
combinations thereof;
wherein the cellulosic fibers comprise a material selected from the group
consisting of rayon, acetate, triacetate, lyocell, and mixtures thereof.
2. (Previously Presented) The fabric of claim 1, wherein the inherently
flame resistant fibers comprise meta-aramid fibers.
3. (Previously Presented) The fabric of claim 1, wherein the cellulosic
fibers comprise rayon fibers.
4. (Previously Presented) The fabric of claim 1, wherein the fabric
contains a residual amount of dye-assistant selected from the group consisting of N-
cyclohexylpyrrolidone, benzyl alcohol, N,N-dibutylformamide, and mixtures thereof.

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5. (Previously Presented) The fabric of claim 1, wherein the cellulosic fibers contains a phosphorus compound flame retardant in a concentration of at least approximately 1.4% phosphorus by weight of cellulosic fiber component.

6. (Previously Presented) The fabric of claim 1, wherein the fabric exhibits a duration of afterflame no greater than 2.0 seconds when subjected to a vertical flammability test conducted in accordance with FTMS 191 A Method 5903.1 using a three second exposure.

7. (Previously Presented) The fabric of claim 1, wherein the fabric exhibits a shrinkage percentage of no greater than approximately 7% after 20 launderings conducted in accordance with AATCC Test Method 135-1992, Table I (3)(V)(A)(iii).

8. (Previously Presented) The fabric of claim 1, wherein the inherently flame resistant fibers of the fabric have been dyed a shade of color which results in an L value between approximately 18 and the grieg L value for the fabric if the inherently flame resistant fibers were used to form a fabric composed exclusively of the inherently flame resistant fibers.

9. (Currently Amended) A dyeable flame resistant fabric, comprising: inherently flame resistant fibers ~~capable of crystallization~~ that are dyeable when the fibers are uncryallized; and

cellulosic fibers that are dyeable and contain a flame retardant compound; wherein the fabric contains a residual amount of a dye-assistant selected from the group consisting of N-cyclohexylpyrrolidone, benzyl alcohol, N,N-

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dibutylformamide, N,N-diethylbenzamide, hexadecyltrimethyl ammonium salt, N,N-dimethylbenzamide, N,N-diethyl-m-toluamide, N-octylpyrrolidone, aryl ether, an approximately 50/50 blend of N,N-dimethylcaprylamide and N,N-dimethylcapramide, and mixtures thereof.

10. (Previously Presented) The fabric of claim 9, wherein the dye-assistant is selected from the group consisting of N-cyclohexylpyrrolidone, benzyl alcohol, N,N-dibutylformamide, and mixtures thereof.

11. (Previously Presented) The fabric of claim 9, wherein the inherently flame resistant fibers comprise a material selected from the group consisting of aromatic polyamide, polyamide imide, polyimide, and combinations thereof.

12. (Previously Presented) The fabric of claim 9, wherein the inherently flame resistant fibers comprise meta-aramid fibers.

13. (Previously Presented) The fabric of claim 9, wherein the cellulosic fibers comprise rayon, acetate, triacetate, lyocell, or mixtures thereof.

14. (Previously Presented) The fabric of claim 9, wherein the cellulosic fibers comprise rayon fibers.

15. (Previously Presented) The fabric of claim 9, wherein the cellulosic fibers contains a phosphorus compound flame retardant in a concentration of at least approximately 1.4% phosphorus by weight of cellulosic fiber component.

16. (Previously Presented) The fabric of claim 9, wherein the fabric exhibits a duration of afterflame no greater than 2.0 seconds when subjected to a

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vertical flammability test conducted in accordance with FTMS 191 Method 5903.1 using a three second exposure.

17. (Previously Presented) The fabric of claim 9, wherein the fabric exhibits a shrinkage percentage of no greater than approximately 7% after 20 launderings conducted in accordance with AATCC Test Method 135-1992, Table I (3)(V)(A)(iii).

18. (Previously Presented) The fabric of claim 9, wherein the inherently flame resistant fibers of the fabric have been dyed a shade of color which would result in an L value between approximately 18 and the griげ L value for the fabric if the inherently flame resistant fibers were used to form a fabric composed exclusively of the inherently flame resistant fibers.

19. (Currently Amended) A dyeable flame resistant fabric, comprising:
inherently flame resistant fibers ~~capable of crystallization~~ that are dyeable
when the fibers are uncryallized;

cellulosic fibers that are dyeable and contain a phosphorous compound;
wherein the phosphorus compound comprises a concentration of at least approximately 1.4% phosphorus by weight of cellulosic fiber component.

20. (Previously Presented) The fabric of claim 19, wherein the inherently flame resistant fibers comprise a material selected from the group consisting of aromatic polyamide, polyamide imide, polyimide, and combinations thereof.

21. (Previously Presented) The fabric of claim 19, wherein the inherently flame resistant fibers comprise meta-aramid fibers.

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22. (Previously Presented) The fabric of claim 19, wherein the cellulosic fibers comprise rayon, acetate, triacetate, lyocell, or combinations thereof.

23. (Previously Presented) The fabric of claim 19, wherein the cellulosic fibers comprise rayon fibers.

24. (Previously Presented) The fabric of claim 19, wherein the fabric contains a residual amount of dye-assistant selected from the group consisting of N-cyclohexylpyrrolidone, benzyl alcohol, N,N-dibutylformamide, and mixtures thereof.

25. (Previously Presented) The fabric of claim 19, wherein the fabric exhibits a duration of conducted in accordance with FTMS 191A Method 5903.1 using a three second exposure.

26. (Previously Presented) The fabric of claim 19, wherein the fabric exhibits a shrinkage percentage of no greater than approximately 7% after 20 launderings conducted in accordance with AATCC Test Method 135-1992, Table I (3)(V)(A)(iii).

27. (Previously Presented) The fabric of claim 19, wherein the inherently flame resistant fibers of the fabric have been dyed a shade of color which would result in an L value between approximately 18 and the griげ L value for the fabric if the inherently flame resistant fibers were used to form a fabric composed exclusively of the inherently flame resistant fibers.

28. (Currently Amended) A dyeable flame resistant fabric, comprising:
~~inherently flame resistant fibers capable of crystallization that are dyeable~~
when the fibers are uncryallized; and

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cellulosic fibers that are dyeable and contain a flame retardant compound; wherein the fabric exhibits a duration of afterflame no greater than 2.0 seconds when subjected to a vertical flammability test conducted in accordance with FTMS 191A Method 5903.1 using a three second exposure.

29. (Previously Presented) The fabric of claim 28, wherein the inherently flame resistant fibers comprise a material selected from the group consisting of aromatic polyamide, polyamide imide, polyimide, and combinations thereof.

30. (Previously Presented) The fabric of claim 28, wherein the inherently flame resistant fibers comprise meta-aramid fibers.

31. (Previously Presented) The fabric of claim 28, wherein the cellulosic fibers comprise rayon, acetate, triacetate, lyocell, or combinations thereof.

32. (Previously Presented) The fabric of claim 28, wherein the cellulosic fibers comprise rayon fibers.

33. (Previously Presented) The fabric of claim 28, wherein the fabric contains a residual amount of dye-assistant selected from the group consisting of N-cyclohexylpyrrolidone, benzyl alcohol, N,N-dibutylformamide, and mixtures thereof.

34. (Previously Presented) The fabric of claim 28, wherein the fabric exhibits a shrinkage percentage of no greater than approximately 7% after 20 launderings conducted in accordance with AATCC Test Method 135-1992, Table I (3)(V)(A)(iii).

35. (Previously Presented) The fabric of claim 28, wherein the inherently flame resistant fibers of the fabric have been dyed a shade of color which would result

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in an L value between approximately 18 and the griuge L value for the fabric if the inherently flame resistant fibers were used to form a fabric composed exclusively of the inherently flame resistant fibers.

36. (Currently Amended) A dyeable flame resistant fabric, comprising:
inherently flame resistant fibers ~~capable of crystallization~~ that are dyeable
when the fibers are uncryallized; and
cellulosic fibers that are dyeable and contain a flame retardant compound;
wherein the fabric exhibits a shrinkage percentage of no greater than approximately 7% after 20 launderings conducted in accordance with AATCC Test Method 135-1992, Table I (3)(V)(A)(iii).

37. (Previously Presented) The fabric of claim 36, wherein the inherently flame resistant fibers comprise a material selected from the group consisting of aromatic polyamide, polyamide imide, polyimide, and combinations thereof.

38. (Previously Presented) The fabric of claim 36, wherein the inherently flame resistant fibers comprise meta-aramid fibers.

39. (Previously Presented) The fabric of claim 36, wherein the cellulosic fibers comprise rayon, acetate, triacetate, lyocell, or combinations thereof.

40. (Previously Presented) The fabric of claim 36, wherein the cellulosic fibers comprise rayon fibers.

41. (Previously Presented) The fabric of claim 36, wherein the fabric contains a residual amount of dye-assistant selected from the group consisting of N-cyclohexylpyrrolidone, benzyl alcohol, N,N-dibutylformamide, and mixtures thereof.

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42. (Previously Presented) The fabric of claim 36, wherein the inherently flame resistant fibers of the fabric have been dyed a shade of color which would result in an L value between approximately 18 and the griuge L value for the fabric approximately if the inherently flame resistant fibers were used to form a fabric composed exclusively of the inherently flame resistant fibers.

43. (Currently Amended) A dyeable flame resistant fabric, comprising:
inherently flame resistant fibers ~~capable of crystallization~~ that are dyeable
when the fibers are uncryallized; and
cellulosic fibers that are dyable and contained a flame retardant compound in fiber form.

44. (Previously Presented) The fabric of claim 43, wherein the fabric contains a residual amount of a dye-assistant selected from the group consisting of N-cyclohexylpyrrolidone, benzyl alcohol, N,N-dibutylformamide, N,N-diethylbenzamide, hexadecyltrimethyl ammonium salt, N,N-dimethylbenzamide, N,N-diethyl-m-toluamide, N-octylpyrrolidone, aryl ether, an approximately 50/50 blend of N,N-dimethylcaprylamide and N,N-dimethylcapramide, and mixtures thereof.

45. (Previously Presented) The fabric of claim 43, wherein the dye-assistant is selected from the group consisting of N-cyclohexylpyrrolidone, benzyl alcohol, N,N-dibutylformamide, and mixtures thereof.

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46. (Previously Presented) The fabric of claim 43, wherein the inherently flame resistant fibers comprise a material selected from the group consisting of aromatic polyamide, polyamide imide, polyimide, and combinations thereof.

47. (Previously Presented) The fabric of claim 43, wherein the inherently flame resistant fibers comprise meta-aramid fibers.

48. (Previously Presented) The fabric of claim 43, wherein the cellulosic fibers comprise rayon, acetate, triacetate, lyocell, or combinations thereof.

49. (Previously Presented) The fabric of claim 43, wherein the cellulosic fibers comprise rayon fibers.

50. (Previously Presented) The fabric of claim 43, wherein the fabric contains a phosphorus compound flame retardant in a concentration of at least approximately 1.4% phosphorus by weight of cellulosic fiber component.

51. (Previously Presented) The fabric of claim 43, wherein the fabric exhibits a duration of afterflame no greater than 2.0 seconds when subjected to a vertical flammability test conducted in accordance with FTMS 1431 Method 5903.1 using a three second exposure.

52. (Previously Presented) The fabric of claim 43, wherein the fabric exhibits a shrinkage percentage of no greater than approximately 7% after 20 launderings conducted in accordance with AATCC Test Method 135-1992, Table I (3)(V)(A)(iii).

53. (Previously Presented) The fabric of claim 43, wherein the inherently flame resistant fibers of the fabric have been dyed a shade of color which would result

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in an L value between approximately 18 and the griuge L value for the fabric if the inherently flame resistant fibers were used to form a fabric composed exclusively of the inherently flame resistant fibers.

54. (Currently Amended) A dyeable flame resistant fabric, comprising:
dyed, inherently flame resistant fibers that were uncolored in fiber form and
that are dyeable when the fibers are uncryallized; and
cellulosic fibers that are dyeable and contained a flame retardant compound in fiber form.

55. (Previously Presented) The fabric of claim 54, wherein the fabric contains a residual amount of a dye-assistant selected from the group consisting of N-cyclohexylpyrrolidone, benzyl alcohol, N,N-dibutylformamide, N,N-diethylbenzamide, hexadecyltrimethyl ammonium salt, N,N-dimethylbenzamide, N,N-diethyl-m-toluamide, N-octylpyrrolidone, aryl ether, an approximately 50/50 blend of N,N-dimethylcaprylamide and N,N-dimethylcapramide, and mixtures thereof.

56. (Previously Presented) The fabric of claim 54, wherein the dye-assistant is selected from the group consisting of N-cyclohexylpyrrolidone, benzyl alcohol, N,N-dibutylformamide, and mixtures thereof.

57. (Previously Presented) The fabric of claim 54, wherein the inherently flame resistant fibers comprise a material selected from the group consisting of aromatic polyamide, polyamide imide, polyimide, and combinations thereof.

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58. (Previously Presented) The fabric of claim 54, wherein the inherently flame resistant fibers comprise meta-aramid fibers.

59. (Previously Presented) The fabric of claim 54, wherein the cellulosic fibers comprise rayon, acetate, triacetate, lyocell, or combinations thereof.

60. (Previously Presented) The fabric of claim 54, wherein the cellulosic fibers comprise rayon fibers.

61. (Previously Presented) The fabric of claim 54, wherein the fabric contains a phosphorus compound flame retardant in a concentration of at least approximately 1.4% phosphorus by weight of cellulosic fiber component.

62. (Previously Presented) The fabric of claim 54, wherein the fabric exhibits a duration of afterflame no greater than 2.0 seconds when subjected to a vertical flammability test conducted in accordance with FTMS 1431 Method 5903.1 using a three second exposure.

63. (Previously Presented) The fabric of claim 54, wherein the fabric exhibits a shrinkage percentage of no greater than approximately 7% after 20 launderings conducted in accordance with AATCC Test Method 135-1992, Table I (3)(V)(A)(iii).

64. (Previously Presented) The fabric of claim 54, wherein the inherently flame resistant fibers of the fabric have been dyed a shade of color which would result in an L value between approximately 18 and the grieg L value for the fabric if the inherently flame resistant fibers were used to form a fabric composed exclusively of the inherently flame resistant fibers.